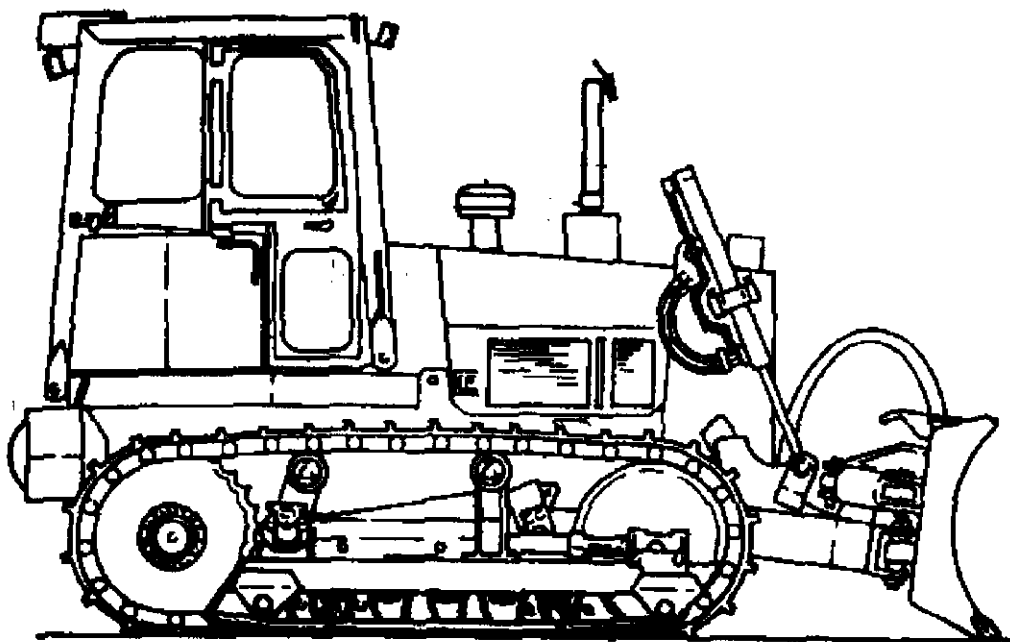


STATEMENT
OF
WORK (SOW)
OF THE

TRACTOR, FULL TRACKED
WITH ANGLE BLADE AND WINCH
INSPECT AND REPAIR ONLY AS NECESSARY (IROAN)



NSN 2410-01-254-1667

EFFECTIVE DATE: 1 OCTOBER 99

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STATEMENT OF WORK FOR THE TRACTOR, FULL TRACKED WITH ANGLE BLADE AND WINCH

1.0 SCOPE. This Statement of Work (SOW) establishes and sets forth tasks and identifies the work efforts that shall be performed by the Contractor. These documents contain the minimum requirements to assemble, integrate, make fully operational, calibrate, install, test and inspect the Tractor, Full Tracked with Angle Blade and Winch, NSN 2410-01-254-1667. Weapon System Code NW, to a serviceable condition (Condition Code "A"). Condition Code A is defined as Serviceable/Issuable without qualification, new, used, repaired or reconditioned material which is serviceable and issuable to all customers without limitation or restriction. This includes material with more than six months shelf life remaining. The National Stock Numbers (NSNs) listed here shall be known as the Tractor, Full Tracked. This SOW along with the Tractor, Full Tracked Technical Manuals covers the minimum requirements applicable to the restoration of the TRACTOR, FULL TRACKED.

Additionally, The TRACTOR, FULL TRACKED Technical Manuals sets forth guidelines within which the TRACTOR, FULL TRACKED shall be refurbished, repaired and restored. The TRACTOR establishes the basic configuration of the TRACTOR, FULL TRACKED, FULL TRACKED Technical Manuals that are currently in the Marine Corps inventory. The Contractor shall provide all material (including repair parts). The Contractor shall perform installation and testing. All special tools and test equipment required to perform any task on the TRACTOR, FULL TRACKED are listed in the TRACTOR, FULL TRACKED Technical Manuals, and shall be provided by the Contractor.

Questions related to this SOW should be addressed to the TRACTOR, FULL TRACKED Weapon System Manager, Life Cycle Management Center, Code 837-2, MARCORLOGBASES, Albany Ga. Commercial Phone (912) 439-6533 or DSN 567-6533.

1.1 BACKGROUND. IROAN is defined as: The maintenance technique which determines the minimum repairs necessary to restore equipment components or assemblies to prescribed maintenance serviceability standards by utilizing all available diagnostic equipment and test procedures in order to minimize disassembly and parts replacement.

1.2 ITEM IDENTIFICATION. The TRACTOR, FULL TRACKED is a diesel engine driven, full tracked tractor equipped with a hydraulically operated dozer blade and rear mounted winch. Its main functions are dozing dirt, sand, or rock, and winching loads. The tractor can operate on various types of terrain.

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the document referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 MILITARY SPECIFICATIONS.

MIL-C-81309E	Corrosion Preventive Compounds, Water Displacing.Ultra-Thin film
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2.2 MILITARY STANDARDS.

MIL-STD-129	DoD Standard Practice for Military Marking
MIL-STD-130	DoD U.S. Military Property, Identification Marking of
MIL-STD-642	Identification Marking of Combat and Tactical Transport Vehicle

MILITARY STANDARDS-(FOR GUIDANCE ONLY).

MIL-STD-973	Configuration Management
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2.3 Other Government Documents and Publications. The issues of those documents cited below shall be used.

ATPD 2241	Vehicles, Wheeled: Preparation for Shipment and Storage of
DoD 4000.25-1-M	MILSTRIP Manual
NAVICPINST 4491.2A	Requisitioning of Contractor Furnished Material from the Federal Supply System
TM-4750-15/1	Painting and Registration Marking for Marine Corps Combat and Tactical Equipment.
SL-4-09062A	Repair Parts List for Tractor, Full Tracked w/Angle Blade and Winch
MI-09062A-25/1	Procedures for Installing Retrofit Kits
MI 09062A-25/3	Installation of Fan Disconnect Switch Guard
TM 09062A-14/1	Operator, Organizational and Intermediate Maintenance Manual
TM 09062A-14/1 w/CH 1-2	Operator, Organizational and Intermediate Maintenance Manual

TM 09062A-14/1 w/CH 03	Operator, Organizational and Intermediate Maintenance Manual
TM 3080-34	Corrosion Prevention and Control
SL-3-09085A	Tool Kit, Special Purpose for T5 Tractor

2.4 INDUSTRY STANDARDS.

ANSI/ISO/ASQC Q9002-1994 Quality Systems

Copies of Military Specifications and Standards are available from the Naval Publications and Forms Center, (Attn.: NPODS), 5801 Tabor Avenue, Philadelphia, PA 19120-5099. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Commander, Attn: Contracting Officer (Code 891) Marine Corps Logistics Bases, 814 Radford Blvd., Albany, Georgia 31704-1128, commercial telephone number (912) 439-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from Life Cycle Management Center, Attn: Code 825-3, 814 Radford Blvd. Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (912) 439-6410 or DSN 567-6410.

3.0 REQUIREMENTS.

3.1 **GENERAL TASKS** In fulfilling the specified requirements, the Contractor shall render, yet shall not be limited to the following tasks:

a. Provide materials, labor, facilities, repair parts and services necessary to troubleshoot, test, diagnose, engineer, integrate, install, repair and calibrate as required to make fully operational, the TRACTOR, FULL TRACKED.

b. Conduct final-on-site testing for witness by the Weapon System Manager and/or their Representatives.

c. The Contractor shall be responsible for all structural, electrical and mechanical requirements associated with the repair and restoration of the TRACTOR, FULL TRACKED.

3.2 **IROAN OBJECTIVE AND FUNCTIONS** After IROAN, the TRACTOR, FULL TRACKED shall have as a minimum the following characteristics:

a. Reliable as per system specifications. System specifications for the TRACTOR, FULL TRACKED can be found throughout the Technical Manual and Modification Instructions listed below. Specifications are not always expressed in numbers but in some cases, specifications are expressed as an inspection. Specifications are listed with each assembly/subassemblies remove, inspect, and repair procedures in the Technical Manual that addresses the component being repaired or ironed.

MI-09062A-25/1

MI 09062A-25/3

TM 09062A-14/1

b. Maintainable

c. Serviceable (Condition Code "A")

d. Latest Marine Corps Configuration

e. All TRACTOR, FULL TRACKED systems and components shall operate as designed intended.

3.3 SPECIFIC TASKS The following tasks describe the different phases for the IROAN of the TRACTOR, FULL TRACKED.

Phase I Pre-Induction (Initial Inspection)

Phase II IROAN

Phase III Inspection, Testing and Acceptance

Phase IV Packaging, Handling, Storage and Transportation (PHS&T)

3.3.1. Phase I Pre-Induction

a. The Contractor shall inspect in detail TRACTOR, FULL TRACKED transported to the Contractor for IROAN under provisions of this SOW using the Configuration Inspection Checklist (Appendix A) and Table 4-3, Troubleshooting Charts, contained in TM 09062A-14/1. TM 09062A-14/1 contains cleaning, inspection and repair procedures for all major assemblies of the TRACTOR, FULL TRACKED. These procedures are to be used to determine overall condition of those assemblies. The Contractor shall ensure that the inspection is sufficient to determine the condition of the inspected TRACTOR, FULL TRACKED and the extent of work and repair parts required. The findings of this inspection shall be annotated on a Initial Inspection Checklist (Appendix B) formulated by the contractor. The Initial Inspection Checklist shall contain a list of all items inspected and the condition of those items. The Initial Inspection Checklist shall be maintained and made available upon request by the Weapon System Manager and/or their Representatives. The TRACTOR, FULL TRACKED Initial Inspection Checklist may be formulated in a electronic database and maintained in that data base. If data is selected to be provided electronically to the Weapon System Manager and/or their Representatives, the Data base program must be agreed to by both the Contractor and the Weapon System Manager and/or their representative

b. Test equipment identified in TM 09062A-14/1 shall be used to determine that assemblies and subassemblies meet prescribed reliability, performance, and work requirements. In those cases when conformance to the SOW cannot be certified through existing inspection and testing procedures and by use of diagnostic equipment, the assembly shall be removed, disassembled,

inspected, tested and repaired to the degree necessary to assure full conformance with this SOW. TRACTOR, FULL TRACKED will be operational tested 100 per cent in accordance with Sections 4.1 and 4.2 of this SOW.

d. Oil seals and gaskets leakage. Evidence of lubricating or hydraulic oils passing through or around a seal is in itself not a defect; however, consideration must be given to the fluid capacity in the item being checked/inspected. Inspection shall normally be performed during and immediately following operational test, but not sufficient duration to allow the fluids to return to ambient temperatures. The following shall be used as a guide in determining degree of oil loss:

(1) Class I - Seepage of fluid (indicated by wetness or discoloration) not great enough to form drops.

(2) Class II - Leakage of fluid great enough to form drops, but not enough to cause drops to fall from the item being checked/inspected.

(3) Class III - Leakage of fluid great enough to form drops that fall from the item being checked/inspected.

A CLASS I OR II LEAK, EXCEPT FUEL SYSTEM, BRAKE SYSTEM, AND POWER STEERING SYSTEMS IS AN ACCEPTABLE CONDITION AT ANY TIME AND DO NOT REQUIRE CORRECTIVE ACTION.

3.3.2 **PHASE II - IROAN.** After pre-induction tests and inspections have been completed, repair of the TRACTOR, FULL TRACKED shall be accomplished in accordance with this SOW and the TRACTOR, FULL TRACKED Technical Manual 09062A-14/1. Deficiencies noted on the Initial Inspection Checklist during Phase I shall be repaired/replaced. Components or assemblies shall not be disassembled for replacement of mandatory parts unless that part has failed, or the component assembly wherein the part is located is disassembled for repair.

a. SERVICE AND PARTS MANUAL: The Service and Parts Manuals listed below contains special tools, repair procedures, and repair parts for the complete TRACTOR, FULL TRACKED. Repair procedures contained in these manuals are to be used to repair deficiencies identified on the Initial Inspection Checklist.

TM 09062A-14/1	Operator, Organizational and Intermediate Maintenance Manual
TM 09062A-14/1 W/CH1-2	Change 1 and 2 to Operator Organization and Intermediate Maintenance Manual.
TM 09062A-14/1 CH 03	Change 3 to Operator Organization and Intermediate Maintenance Manual.
SL-4-09062A	Repair Parts List for Tractor, Full Tracked, Low Speed

SL-3-09085A

Tool Kit, Special Purpose for T5 Tractor

b. DETAILED MECHANICAL WORK.

TRACTOR, FULL TRACKED received for IROAN shall be repaired in accordance with the following paragraphs. All discrepancies noted on the Initial Inspection Checklist shall be repaired/replaced.

The Service and Parts Manuals listed may contain provision for corrosion control, painting, and packaging. Provisions for corrosion control, painting, and packaging is provided within this SOW and shall be the superseding requirement.

c. HARDWARE

(1) Replace broken, unserviceable and/or missing hardware, including nuts, bolts, screws, washers, turnlock fasteners, safety, and one time use items, in accordance with the IROAN Unserviceable would include any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

(4) Hardware used in this IROAN shall be in accordance with existing technical publications.

d. Vehicle Track Pins and Bushings;

Track pins and bushings can be replaced with new components, or turned wet. Dry turning is not permitted under provisions of this SOW. Class I and Class II leakage of pin seals is also permitted.

NOTE: Definition of "wet turn"/"dry turn" and procedures for turning pins can be found in TM 09062A-14/1, Paragraph 4/118.

e. Hydraulic Cylinder Wiper Rings.

Wiper rings shall not be replaced for cosmetic purposes only. Hairline cracks, common weather surface cracks, slight abrasions on the wiper rings is not justification for the rings to be replaced and the cylinders rebuilt under the IROAN concept and the provisions of this SOW. Wiper rings shall not be broken or loose. During the Tractor Pre-induction inspection and final acceptance inspection, wiper rings must demonstrate correct function ability or be considered as failed.. Wiper rings will be replaced 100% during hydraulic cylinder rebuild.

f. Rust Proofing and Painting.

Rust proofing does not apply to processing of fuel tanks, radiators, engine, transmission, vehicle suspension, transfer, and axles. Repair all body and rust damage before rust proofing vehicle. All vehicles shall be rust proofed as required.

- (1) Clean area with either steam or high-pressure water to remove dirt and loosen corrosion.
- (2) Treat affected (corroded) areas with phosphoric fog.
- (3) Clean in accordance to paragraph a.
- (4) Apply MIL-C-81309 TYPE 1, a water displacing corrosion inhibitor to the affected areas.
- (5) Prime and paint per latest edition of TM 4750-15/1.

Procedures for corrosion prevention and control are in accordance with TM 3080-34.

All vehicles requiring repainting shall be painted with CARC paint and have 3-CCP Touch up applied. Painting is authorized 100 percent for corrosion control when the cost of touch up painting exceeds the cost of 100 percent. Paint color will be provided by the Weapon System Manager, Code 837-2 and/or their representative upon induction of the vehicles into the repair cycle

g. DATA PLATES AND DECALS.

Each Ironed TRACTOR, FULL TRACKED shall have an IROAN data plate affixed next to the existing vehicle data plate after vehicle has completed the repair cycle. The data plate shall meet the requirements of MIL-STD-130 and TM 4750-15/1. The IROAN data plate shall contain the following information:

VEHICLE SERIAL NO. _____ REPAIRED IN ACCORDANCE WITH
SOW-00- 837-09062A-2/1 .
CONTRACTOR FACILITY _____
DATE _____
HOUR METER READING AT TIME OF IROAN _____.

3.3.3 PHASE III - INSPECTION, TESTING AND ACCEPTANCE.

- a. Inspection, testing and acceptance of the TRACTOR, FULL TRACKED shall be conducted in accordance with provisions of this SOW and TM 09062A-14/1.
- b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are available to complete the final acceptance. Acceptance tests shall be

held at the Contractor's facility. The Weapon System Manager, MARCORLOGBASES Albany Code 837-2 and/or their representatives shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall make sure all safety rules are incorporated. (Test area clearly defined, limited access to unauthorized vehicle and foot traffic, etc.).

c. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. The Weapon System Manager, MARCORLOGBASES Albany, Code 837-2 and/or their representatives may require the Contractor to report tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.

d. Acceptance testing on all TRACTOR, FULL TRACKED repaired under the provisions of this SOW shall be accomplished in accordance with TM 09062A-14/1

e. Vehicle Markings. Registration numbers and other markings shall be applied in accordance with MIL-STD- 642. Lifting and tie down attachments shall be identified with one-inch letters indicating " SLING POINT" or "TIE DOWN".

f. Instruction Plates. The TRACTOR, FULL TRACKED shall be equipped with instruction plates suitably located, describing any special or important procedures to be followed in operating and servicing the equipment. Plates shall be of a material which will last and remain legible for the life of the equipment, and shall be securely affixed thereto with nonferrous screws, rivets or bolts of not less than 1/8 inch diameter.

NOTE

Reading of hour meters that require replacement during the IROAN are to be recorded as information to be included in the record jacket of that vehicle. The vehicle record jacket is also to be annotated that these components were replaced during the IROAN and the reading annotated on the IROAN data plate is that of the hour meter that required replacement.

g. RECORD JACKET:

All major equipment or components serial numbers that are replaced during the IROAN are to be identified by the Contractor for entry in the record jacket of the TRACTOR, FULL TRACKED (This include engines, transmissions, etc.).

Information will list the TRACTOR, FULL TRACKED serial number, name of equipment/component(s) replaced, serial number of deficiency equipment/component(s), serial number of replacement equipment/component(s), and if the equipment/component(s) is new or rebuilt.

3.3.4 PHASE IV - PACKAGING HANDLING STORAGE AND TRANSPORTATION (PHS&T).

a. The Contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Items being prepared for long term storage shall be level "A" in accordance with ATPD-2241. Items scheduled for domestic shipment,

immediate use, and/or shipment to overseas destinations with the exception of Maritime Pre positioned Forces (MPF) shall be preserved to level "B" Drive-on/Drive-off. Items being prepared for overseas shipment shall have a label affixed which reads "NOT FOR WEATHER DECK STOWAGE." Items scheduled for MPF shall be preserved to level "B" MPF Modified Drive-Away.

b. The Terms Drive-on/Drive-off and MPF Modified Drive Away are defined as follows:

(1). Drive-on/Drive-off: Batteries will be hot and disconnected from vehicle electrical system. Terminals and leads will be taped. Fuel tank will be filled ¼ full. The air intake system, exhaust and brake systems, drive train and gauges are to be depreserved.

(2). MPS Modified Drive Away: Batteries shall be hot and connected to vehicle electrical system. Fuel tank shall filled ¾ full of JP5. The air intake system, exhaust and brake systems, drive train and gauges are to be depreserved. Fire extinguisher bracket and seats (all) shall be installed.

c. Marking shall be in accordance with MIL-STD-129.

d. The Marine Corps will provide the contractor with the shipping address(es) for delivery of the repaired equipment. The contractor shall be responsible for arranging for shipment of the equipment to the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

3.4 CONFIGURATION MANAGEMENT

3.4.1 CONFIGURATION STATUS ACCOUNTING (CSA).

a. The following approved Modification Instructions shall be applied during Phase II of the IROAN process:

MI-09062A-25/1 Procedures for Installing Retrofit Kits

MI-09062A-25/3 Installation of Fan Disconnect Switch Guard

b. The Contractor shall determine the application status of approved configuration changes by visual inspections to the extent possible. The Weapon System Manager MARCORGBASES Albany, Code 837-2 will identify the configuration changes to be inspected by furnishing a Configuration Checklist (Appendix A) to the Contractor. The Contractor shall use one checklist for the TRACTOR, FULL TRACKED to record the inspection findings along with other required data.

c. The Contractor shall record serial numbers of the assemblies listed on the Configuration Inspection Checklist. The Contractor shall record the information on the same form that was used to record the application status of configuration changes.

3.4.2 CONFIGURATION CONTROL. The configuration baseline for the TRACTOR, FULL TRACKED is established by System Specifications and/or Purchase Description. The components contained in applicable Technical Manuals and Modification Instructions are a direct reflection of the vehicles approved baseline and shall be considered under formal Government configuration control. Configuration changes to the established baseline shall not be permitted unless receiving authorization by the approving authority or delegated representative. When deemed necessary to depart from the approved baseline, the Contractor shall prepare and submit a Request and Deviation/Request for Waiver. MIL-STD-973 (paragraphs 5.4.3 and 5.4.4., and appendix E) may be used as guidance.

3.5 GOVERNMENT FURNISHED EQUIPMENT (GFE)/GOVERNMENT FURNISHED MATERIEL (GFM).

GFE is government owned equipment authorized by contract for use by a commercial/government contractor. It is neither consumed during production nor incorporated into any product. GFM is materiel furnished to a contractor that will be consumed during the course of production or incorporated into product being manufactured/remanufactured under a contract/statement of work. In the event the Marine Corps does have GFE/GFM requirements, the Management Control Activity (MCA/Code 820), Marine Corps Logistics Bases, Albany, Georgia, will coordinate required GFE and will maintain a central control on Marine Corps assets in the Contractor's possession. The MCA will forward a GFE Accountability agreement to the Contractor Facility for signature to establish a chain of custody and property responsibilities for Marine Corps assets. The Contractor shall report receipt of all GFM and report consumption of GFM to the MCA.

3.6 CONTRACTOR FURNISHED MATERIEL The Marine Corps has adopted the Navy's procedures regarding Contractor Furnished Materiel (NAVICPINST 4491.2A). In the event that Contractor Furnished Materiel is required for repair parts, the contractor shall requisition through the DOD Supply System. DOD 4000.25-1M, (MILSTRIP) Chapter 11 authorizes contractors to requisition through the DOD Supply System.

3.7 QUALITY ASSURANCE PROVISIONS

The performances of the Contractor and the quality of work delivered, material provided and documents written shall be subject to in-process review and inspection by the Weapon System Manager, MARCORLOGBASES Albany , Code 837-2 and/or their representatives during contract performance. Inspection may be accomplished at any work location. Authorized Weapon System Manager, MARCORLOGBASES Albany , Code 837-2 representatives shall be permitted to observe the work/task accomplishment or to conduct inspections at all reasonable hours within contractor normal working hours. Acceptance tests shall be held in-plant. Inspection by Weapon System Manager MARCORLOGBASES Albany , Code 837-2 and/or their representatives of all acceptance tests plans, materials and associated lists furnished hereunder does not relieve the Contractor from any responsibility regarding defects or other failures to meet contract requirements which may be disclosed prior to final acceptance.

The Contractor shall provide and maintain a Quality System that as a minimum, adheres to the

requirements of ANSI/ISO/ASQC Q9002-1994 Quality System Model for Quality Assurance in Production, Installation, and Servicing. The Contractors work shall be subject to in-process reviews and inspections for compliance with Quality Systems by Weapon System Manager, MARCORLOGBASES Albany , Code 837-2 and/or their representatives. Noncompliance with procedures resulting in degraded quality of work may result in a stop-work order requiring action by the Contractor to correct the work performed and to enforce compliance with quality assurance procedures or face contract termination. Notwithstanding such Weapon System Manager, MARCORLOGBASES Albany , Code 837-2 and/or their representative's inspection, it shall be the Contractor responsibility to ensure that the entire system meets the performance requirements delineated and addressed in the TRACTOR, FULL TRACKED TM 09062A-14/1.

Quality assurance operations performed by the Contractor shall be subject to the Weapon System Manager, MARCORLOGBASES Albany , Code 837-2 and/or their representatives verification at any time. The Weapon System Manager, MARCORLOGBASES Albany , Code 837-2 and/or their representatives verifications can include, but shall not be limited in any matter, to the following:

- a. Inspection of materials, products, assemblies, and documentation to assess compliance with quality standards.
- b. Surveillance of operations to determine that quality assurance, practices, methods, and procedures are being properly applied.
- c. Inspections of deliverable products to assure compliance with all requirements of the TRACTOR, FULL TRACKED, this SOW, and applicable documents used herein.
- d. Failure of the Contractor to promptly correct deficiencies discovered, shall be a reason for suspension of acceptance until corrective action has been made.

3.8 ACCEPTANCE

The performance of the Contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled, shall be subject to in-process review and inspection during performance. Inspection may be accomplished in-plant or at any work site or location, and Marine Corps Weapon System Manager, MARCORLOGBASES Albany , Code 837-2 and/or their representatives shall be permitted to observe the work or to conduct inspection at all reasonable hours within the repair facilities normal working hours. Final inspection and acceptance testing shall be conducted at the Contractor. Finally acceptance shall be conducted on 100 percent of items to verify that the units meet all requirements.

Acceptance testing.

The TRACTOR, FULL TRACKED Ironed under the provisions of this SOW shall be accomplished in accordance with TM-09062A-14/1 and the Final Inspection Checklist (Appendix C.)

3.9 **REJECTION**

Failure to comply with any of the specified requirements listed herein shall be reason for rejection by Marine Corps Weapon System Manager, MARCORLOGBASES Albany , Code 837-2 and/or their Representative. The Contractor shall, at no additional cost to MARCORLOGBASES , Albany Georgia, provide the following:

- a. Develop an approach for modification or correction of all deficiencies.
- b. On approval of a documented approach, the Contractor shall correct the deficiencies and repeat verification until acceptable compliance with acceptance test procedures is demonstrated.

4.0 **REPORTS**

The following reports shall be provided to the Weapon System Manager and/or their representative. Reports shall be forward to: ATTN: Weapon System Manager (Code 837-2), 814 Radford Blvd, Marine Corps Logistic Bases, Albany Ga., 31704-1128.

4.1 **Initial Inspection Checklist.** The Contractor shall provide one copy, per vehicle of the Initial Inspection Checklist (Appendix B) for each TRACTOR, FULL TRACKED repaired. These documents shall be available during final acceptance testing. One copy of each document shall be provided to MARCORLOGBASES, Albany, Georgia, Code 837-2 after final acceptance of the TRACTOR, FULL TRACKED.

4.2 **Final Inspection Checklist.** The Contractor shall provide one copy, per vehicle, of the Final Inspection Checklist (Appendix C) for each TRACTOR, FULL TRACKED repaired. The report shall be available for review during the final acceptance testing. One copy of each document shall be provided to MARCORLOGBASES, Albany, Georgia, Code 837-2 after final acceptance of the TRACTOR, FULL TRACKED.

4.3 **Configuration Checklist.** The Contractor shall provide one copy, per vehicle, of the Configuration Checklist (Appendix A) for each TRACTOR, FULL TRACKED repaired. The report shall be available for review during the final acceptance testing. One copy of each document shall be provided to MARCORLOGBASES, Albany, Georgia, Code 837-2 after final acceptance of the TRACTOR, FULL TRACKED.

CONFIGURATION CHECKLIST
TRACTOR, FULL TRACKED
WITH ANGLE BLADE AND WINCH
MODEL MC1150E, NSN 2410-01-254-1667

Vehicle Serial Number _____.

Engine Serial Number:	Original	Replacement
	_____	_____

Transmission Serial Number	Original	Replacement
	_____	_____

Modification Instruction:	Applied Prior to IROAN	Applied During IROAN
MI 09062A-25/1	_____	_____
MI 09062A-25/3	_____	_____

INITIAL INSPECTION CHECKLIST

No	ENGINE AND POWER UNIT	REMARKS	PASS	FAIL
1	Cylinder Head (Gasket, Leaks Cracks)			
2	Exhaust Sys. (Manifold, Muffl. connections, pipe), Exhaust Back Pressure PSI, Smoke Analysis(Black, Blue, White)			
3	Valve Mechanism (Covers, Springs, Rocker Arms, Push Rods) Clearance			
4	Crankcase (Leaks, Oil Level, Breather (Clean)			
5	Oil Filters/Coolers (Leaks, Clean)			
6	Radiator (Core, Shutters, Hoses, Cap) (Leaks, Restriction, Damage)			
7	Anti Freeze (Specific Gravity) Protected to _____			
8	Water Pump, Fan, Shroud (Leaks, Alignment, Mounting)			
9	Accessory Drive Belts and Pulleys (Cracks, Rot, Alignment)			
10	Oil Pump Pressure/Temperature			
11	Governor and Linkage (Leaks, Alignment, Operation)			
12	Overspeed Governor (Connections, Operation)			
13	Air Box, Air Box Drains (Restriction, Gaskets) Pressure _____			
14	Blower (Leaks, Seals, Mounting, Screen)			
15	Fuel Pumps (Housing, Lines, Connections, Sediment Bowl)			
16	Fuel Filter (Leaks, Restriction, Drain)			
17	Aircleaners/precleaners (Leaks, Connections, Mounting, Restrictions)			
18	Injectors, Injector Pumps (Leaks, Filters, Restrictions)			
19	Fuel Tank, Cap, Mounting (Valves, Lines, Traps, Screen)			
20	Fuel Lines/Connections (Cracks, Leaks)			
21	Gauges (Fuel, Oil Temp, Pressure, Vacuum) Operation			
22	Starting Aid (Connections, Linkage)			
23	Emergency Shutdown Devices (Connections, Linkage)			
24	Engine Air Compressor (Gaskets, Seals, Breather)			
Addition Information				

INITIAL INSPECTION CHECKLIST

No	ELECTRICAL	REMARKS	PASS FAIL
1	Battery (Case, Batter Terminals) Specific Gravity (Record)		
2	Battery (Box, Hold Downs, Cables, Connections)		
3	Battery Charging Generator/Alternator (Mounting, Connections, Brushes Commutators).		
4	Battery Slave Receptacle		
5	Voltage Regulator-Seal (Connections, Ground, Operation)		
6	Starter (Mounting, Connections, Brushes, Commutator)		
7	Lights (Connections, Mounting) Dash, Blackout, Head, Tail, Clearance, Work lights		
8	Wiring Harness (Connection, Insulation)		
9	Switches (Mounting, Connections)		
10	Meters (Volt, Amp, Hour, Odometer, Tachometer, Speedometer) (Mounting, Connections)		
No	PUMPS AND COMPRESSORS WATER/HYDRAULIC/PNEUMTIC	REMARKS	PASS FAIL
1	Reservoir (Leaks, Cracks, Welds, Breather, Filters, Strainer		
2	Pumps (Mounting, Brackets, Housing) Output		
3	Valves (Flow, Check Steering)		
4	Hoses and Connections (Leaks, Cracks, Packing)		
5	Filters/Strainers		
6	Shafts, Couplings, Bearings (Alignment)		
7	Gauges (Oil Pressure, Air Pressure)		
8	Controls		

Additional Information

INITIAL INSPECTION CHECKLIST

No	POWER TRAIN	REMARKS	PASS	FAIL
1	Universal Joints, Drive Shafts, Drive Lines			
2	Gear Housing (Cases, Gaskets, Seals, Leaks, Oil Level)			
3	Gears and Pinions			
4	Bearings, Shafts And Drums			
5	Transmissions, Transfer Cases (Gaskets, Seals, Leaks, Oil Level) Hard to Shift, Noise			
6	Drive Sprockets (Chains, Belts, Pulleys)			
7	Final Drive Differential (Housing, Gaskets, Seals, Oil Level)			
8	Service Brakes			
9	Parking or Emergency Brake			
10	Air Tank or Hydraulic Reservoir			
11	Pedals, Linkage, Cable, Lines and Fittings			
12	Drums and Discs			
13	Shoes, Pistons and Bands			
14	Right Angle Drive Assembly			
15	Belt Clutch Assembly			
16	Trencher Pivot Assembly			
No	FRAME AND SUSPENSION	REMARKS	PASS	FAIL
1	Frame (Cracks, Welds, Alignment)			
2	Tires and Rims (Condition)			
3	Axle Assembly , Wheels (Bearings, Mounts)			
4	Pintle Hooks, Mountings, Locks			
5	Hood, Rops Assy			
6	Backfill Blade Assembly			
7	Jackshaft and Mobile-Dig Assembly			
8	Chain Idler and Intermediat Shaft			
Additional Information				

FINAL INSPECTION CHECKLIST

SYSTEM OR COMPONENT		TESTING NOTES	SAT	UNSAT
	Fluid Levels			
	Fuel Tank			
	Oil			
	Cooling System			
	Brakes			
	Drive Train(Transmission)			
	Hydraulic Tank			
	Pump Drives			
	Batteries			
	Differential			
	Axles			
	Electrical System			
	Lights			
	Horn			
	Instruments			
	Accessories			
	Controls			
	Alarms			
	Steer and Systems-			
	Filters			
	Hoses and Connections			
	Air Cleaner Element			
	Cylinders			
	Engine			
	Belts	Proper Tension, Alignment		
	Alternator/Generator			
	Starter			
	Governor			
	Leaks			

FINAL INSPECTION CHECKLIST

SYSTEM OR COMPONENT		TESTING NOTES	SAT	UNSAT
	Braking			
	Foot Brake	Amount of Travel		
	Parking Brake	Amount of Tension		
	Vehicle	Oil and Fuel Leaks, General Appearance, Loose Bolts, Fasteners, Fins and Linkages		
	Wheel			
	Tires			
	Rim			
	Controls and Instruments			
	Control Switch			
	Gauges			
	Ammeter			
	Fuel Gage			
	Water Temperature Gage			
	Oil Pressure Gage			
	Engine Warning Light and Buzzer			
	Master Switch			
	Starter			
	Engine Tachometer/Hourmeter			
	Quick Start			
	Pull Stop			
	Levers and Controls			
Additional Information				

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved

OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM Tractor, Full Tracked	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Request For Deviation	3. SUBTITLE Configuration Management
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640B	5. CONTRACT REFERENCE SOW 3.4.2	6. REQUIRING OFFICE MCLBA (825)
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7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION a. ADDRESSEE MCLBA (825-2)	b. COPIES Draft Final Reg Repr		
8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION					

16. REMARKS Blk 4 - Contractor format is authorized. Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation. RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government. RFDs shall be transmitted via E-Mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil Distribution Statement A: Approved for public release, distribution is unlimited.	15. TOTAL	0	1	0

G. PREPARED BY 	H. DATE 0-47-99	I. APPROVED BY 	J. DATE 10-2-99
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM Tractor, Full Tracked	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM Request For Waiver	3. SUBTITLE Configuration Management
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80641B	5. CONTRACT REFERENCE SOW 3.4.2	6. REQUIRING OFFICE MCLBA (825)
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7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION							
9. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	<table border="1"> <tr> <th rowspan="2">a. ADDRESSEE</th> <th colspan="3">b. COPIES</th> </tr> <tr> <th>Draft</th> <th>Final Reg</th> <th>Repro</th> </tr> </table>		a. ADDRESSEE	b. COPIES			Draft	Final Reg	Repro
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	Draft	Final Reg	Repro								

<p>16. REMARKS</p> <p>Blk 4 - Contractor format is authorized.</p> <p>Blks 10 & 12 - RFWs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.</p> <p>RFWs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government.</p> <p>RFWs shall be transmitted via E-Mail to the following address: mbmatcomconfigmngmnt@matcom.usmc.mil</p> <p>Distribution Statement A: Approved for public release, distribution is unlimited.</p>	MCLBA (825-2)	0	1	0

G. PREPARED BY 	H. DATE 2-20-99	I. APPROVED BY 	J. DATE 10-2-99
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE